

**393821119421403 Local number 085 N21 E20 35DCBA4 LYSIMETER 2 DEEP**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'21.2", long 119°42'14.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
<b>05...</b>	0950	Interstitial water	1,180	115	31.6	E.05	.022	36.5
<b>Nov</b>								
<b>02...</b>	1026	Interstitial water	1,200	106	33.8	.10	.030	31.6
<b>Dec</b>								
<b>07...</b>	1109	Interstitial water	1,000	97.9	38.3	<.06	.013	41.7
<b>Mar</b>								
<b>01...</b>	1130	Interstitial water	1,310	114	54.3	<.06	<.008	59.7
<b>Apr</b>								
<b>05...</b>	1221	Interstitial water	1,220	116	55.4	<.06	.018	60.4
<b>May</b>								
<b>04...</b>	1221	Interstitial water	1,260	118	58.1	<.06	<.008	60.5
<b>Jun</b>								
<b>01...</b>	1232	Interstitial water	1,460	118	57.4	<.06	<.008	60.6
<b>Jul</b>								
<b>06...</b>	1123	Interstitial water	1,450	127	59.6	<.06	<.008	62.7
<b>Aug</b>								
<b>02...</b>	1143	Interstitial water	1,290	118	53.7	<.06	<.008	62.4
<b>Sep</b>								
<b>07...</b>	0900	Interstitial water	1,260	130	53.9	.67	.029	53.4

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
04...	0905	Interstitial water	1,560	128	55.5	<.06	<.008	59.9
04...	0908	Replicate	1,560	128	54.7	<.06	<.008	57.6
<b>Nov</b>								
01...	1047	Interstitial water	1,160	132	50.4	<.06	<.008	53.9
29...	0900	Interstitial water	1,400	127	51.3	<.06	<.008	52.3
29...	0901	Replicate	1,350	127	49.7	<.06	<.008	51.5
<b>Dec</b>								
21...	1405	Interstitial water	1,380	125	49.0	.06	.041	50.7
21...	1505	Replicate	1,350	129	49.0	<.06	.028	51.8